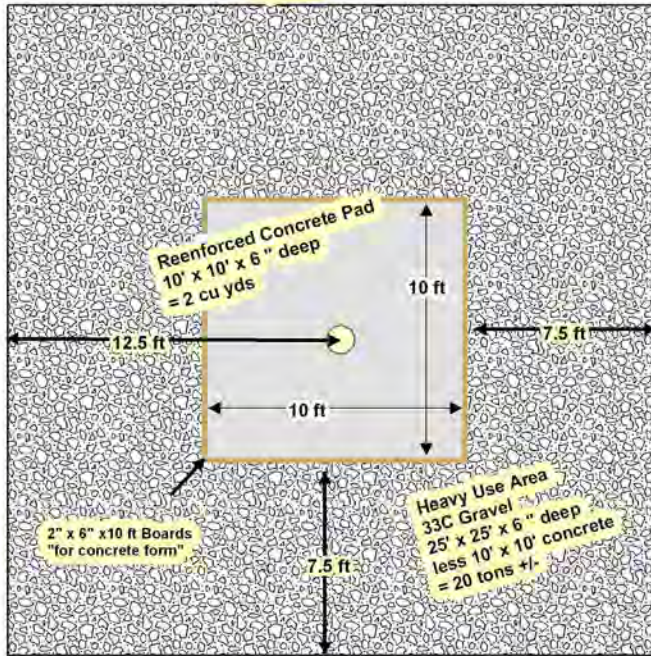


Top View



25 ft

Geotextile Cloth shall be non-woven, Needle Punched, UV resistant, E.O.S. > 60, burst strength > 200 psi, and tear strength > 50 lbs.

Trough will be bolted to concrete and caulking will be placed between edge of trough and concrete Pad

Scale: 1 inch = 5 feet

2" x 6" x 10 ft Boards
"for concrete form"

12.5 ft

Heavy Use Area
33C Gravel
25' x 25' x 6" deep
less 10' x 10' concrete
= 20 tons +/-

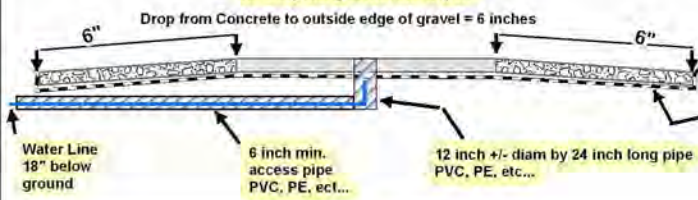
7.5 ft

10 ft

7.5 ft

25 ft

Cut away along center line of pad



Geotextile Cloth
54 ft x 15 ft
Cut in half to make
2 pieces: 27 ft by 15 ft
Place under pad with 2 ft
minimum overlap

Water Line
18" below
ground

6 inch min.
access pipe
PVC, PE, ect...

12 inch +/- diam
by 24 inch long pipe
PVC, PE, etc...

USDA -NRCS _____ F.O.
 District: _____
 Phone: _____
 Cooperator: _____
 Structure: _____
 Date: _____
 Location: _____
 Farm: _____
 Tract: _____
 Field: _____

Water Facility Installation

Freeze-Proof Tank

August 8, 2006

Recommended Steps for Installation

- Design Factors:
 - A. Total water requirements
 - B. water source
 - C. Size of herd
 - D. No. of Paddocks to be serviced
 - E. Fence layout

Pipeline Trenching 18" Deep



Heat Well 12" P.E.T.



CONSTRUCT WOODEN FORMS FOR CONCRETE BASE



Concrete Pour for tank foundation

Note: Check the location of plumbing on tank to ensure that the tank is centered on concrete. Ditan times this is not in the center of form.



Concrete Installation



Geotextile overlap 24"



33 C Rock



Spreading of 33C Rock



Weatherproofing supply lines



Setting Tank with anchor bolts



Installing Float



Float Adjustment



Caulking the base of tank



Finished Product

